

BARKAYEV, V.V.

Single-stage plastic surgery on the skin of the scrotum and
penis in Fournier's disease. Urologija 29 no.1:57-59 '64,
(MIRA 1968)

L. Oshskaya oblastnaya bol'ница Kirgizskoy SSR.

BARKE, V. N. (Engineer)

Barke, V. N., Engineer, and Livshits, A. I., Candidate of Technical Science.

"Present-day Status and Trends in the Development of Ultrasonic Processing of Materials." p. 152
in book Modern Trends in the Field of Machine Building Technology: Collection of Articles, Moscow, Mashgiz, 1957. 363 p.

The authors present a brief outline of the underlying mechanical and hydrodynamic hypothesis of ultrasonics and a description of an EMMS-built device. There are three references of which two are Soviet and one English.

BARKIN, V.N.

The U.-I ultrasonic machine. Stan. i instr. 28 no. 7:3-6 Jl '57.
(Ultrasonic waves--Industrial applications) (MLRA 10:3)
(Metalworking machinery)

AUTHOR: Barke, V. N. (Moscow)

SOV/24-58-11-14/42

TITLE: On Calculating a Uniform Magnetostriiction Rod with
Distributed Parameters (K raschetu magnitostriktionsionogo
odnordnogo sterzhnya s raspredelenymi parametrami)
PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1958, Nr 11, pp 59-64 (USSR)

ABSTRACT: In investigating magnetostriiction transducers
A. A. Kharkevich (Ref 1) and Bergman (Ref 2) applied
lumped parameters. In this paper the same problem is
considered on the assumption that the system is one with
distributed parameters. The solution is arrived at by
means of the telegraph equations compiled for longitudinal
force, speed, MMF and magnetic flux values which are
average for the rod cross section. The following
conclusions are arrived at:

1. For calculating magnetostriiction transducers it is
possible to apply the theory and the mathematical apparatus
of the telegraph equations as supplemented in this paper,
which are applicable to long electric lines; f and v are
thereby values which are average along the rod cross section.
2. When considering oscillations in the magnetic plane M_f
as well as in the mechanical plane F_v , the transmission of

Card 1/2

SOV/24-58-11-14/42

On Calculating a Uniform Magnetostriction Rod with Distributed Parameters

the energy along the rod is effected by travelling and stationary waves. The length of the stationary waves is determined by the magnetic as well as by the mechanical parameters of the rod. These conclusions are new and are derived from considering the magnetostriction element as a system with distributed parameters.

3. The ratio between the magnetic and the mechanical energies in the rod is determined by the coefficient β . There are 3 figures and 5 references, all of which are Soviet.

SUBMITTED: July 30, 1957

Card 2/2

DIKUSHIN, V.I.; BARKE, V.N.

Ultrasonic erosion and its relation to vibration characteristics of
cutting tools. Stan.i instr. 29 no.5:19-22 My '58. (MIRA 11:?)
(Ultrasonic waves--Industrial applications)
(Metalworking machinery)

BARKE, V. N., Candidate of Tech Sci (diss) -- "Investigation of the oscillator system of the vibrator of an ultrasonic machine tool". Moscow, 1959. 16 pp (Min Higher Educ USSR, Moscow Machine Tool and Tool Inst im I. V. Stalin), 150 copies (KL, No 22, 1959, 114)

25(1)

PHASE I BOOK EXPLOITATION SOV/2383

Akademiya nauk SSSR. Komissiya po tekhnologii mashinostroyeniya

Avtomatizatsiya mashinostroitel'nykh protsessov. t. II: Privod i upravleniye rabochimi mashinami (Automation of Machine-building Processes. Vol.2: Drives and Control Systems for Process Machinery) Moscow, Izd-vo AN SSSR, 1959. 370 p. Errata slip inserted. 5,000 copies printed.

Ed.: V.I. Dikushin, Academician; Ed. of Publishing House: D.M. Ioffe; Tech. Ed.: I.F. Kuz'min.

PURPOSE: This book is intended for engineers dealing with automation of various machine-building processes.

COVERAGE: This is the second volume of transactions of the second Conference on Overall Mechanization and Automation of Manufacturing Processes held September 25-29, 1956. The present volume consists of three parts, the first dealing with automation of engineering measuring methods. The subjects discussed include automatic control of dimensions of machined parts, inspection methods for automatic production lines, in-process inspection

Card 1/7

Automation of Machine-building (Cont.)

SOV/2383

devices, application of electronics in automating linear measuring processes, and machines for automatic inspection of bearing races. The second part deals with automatic drives and control systems for process machinery, including application of digital computers in the control of metal-cutting machine tools, reliability of relay systems, application of gas-tube frequency converters in the control of induction motor speeds, magnetic amplifiers and their use in automatic systems, hydraulic drives, and ultrasonic vibrators. Part three deals with mechanisms of automatic machines and automatic production lines. The subjects discussed include linkage, indexing, and Geneva-wheel-type mechanisms, friction drives, automatic loading devices, diaphragm-type pneumatic drives, various auxiliary devices for automatic production lines, and methods of design and accuracy of cams. No personalities are mentioned. There are no references.

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SOV/2383

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AVAILABLE: Library of Congress	
Card 7/7	G0/ec 10-27-59

* MPPA, 7.

Dissertation: "In estimation of Hygienic Work Conditions and physiological reactions of others in the forces in Industry." G. L. G. I., Lenin's Sanitary and Hygiene Medical Inst, Leningrad, 1941. (Referativnyy Zhurnal--Medicina, Moscow, no. 5, Part 14)

Det. MM 33, 19 Oct 1944

BARKHAD, B.

BARKHAD, B., kand.med.nauk, dotsent

Investigations in hygiene, physiology, and pathology in the coal industry in Rumania. Gig. i san. 22 no.11:58-66 N '57. (MIRA 11:1)

1. Iz Instituta gigiyeny truda i professional'nykh bolezney Rumynskoy Narodnoy Respubliki.
(PNEUMOCONIOSES
in Rumania, in coal miners (Rus))

BARKHAD, Bernard [Barchad]; VLAD, Aurel'; DRON, Florin (Bukharest)

Blood proteins and silicosis. Klin.med. 35 no.6:31-38 Je '57.
(MLRA 10:8)

1. Iz Instituta gigiyeny truda i professional'nykh zabolеваний
(SILICOSIS, blood in
blood proteins)
(BLOOD PROTEINS, in various dis.
silicosis)

BARIHAD, B.

BARIHAD, B.; SHARF, I.; PETRESKU

Mine dust formation in stone quarrying and coal mining as an
etiological factor in the development of pneumoconiosis. Gig. i
san. 23 no.2:88-89 F '58. (MIRA 11:4)
(MINE DUSTS) (LUNGS--DUST DISEASES)

BARKHAD, B., kand.med.nauk, dotsent [Barhad, B.]; PILAT, L.; BERDAN, K.;
PREDA, N.; MIKHEILE, I. [Mihaila, I.]; LILLIS, R.; ELIAS, R.;
GARTNER, A. [Hartner, A.]; GREDINE, K. [Grudina, K.]; VAYDA, I.;
IONESCU, K. [Ionescu, K.]

Working conditions and health of salt mine workers. Gig. i san.
24 no.12:24-50 D '59. (MIRA 13:4)

i. Iz Instituta gigiyeny i obshchestvennogo zdorov'ya Rumynskoy
Narodnoy Respubliky, Bukarest.
(MINING)

BANGHALOV, Sh. K.

Leader of front organization, Azerbaijan SSR. Party Inst. Bot. All
Azerbaijan SSR. (L.A. 14:2)
(Foreign Directorate, Lichens)

BARKHALOV, Sh..F.

[Dictionary of botanical terms; morphology, classification,
geobotany, physiology and anatomy of the higher and lower plants]
Slovar' botanicheskikh terminov; morfologiya, sistematika, geobo-
tanika, fiziologiya i anatomiia vysshikh i nizshikh rastenii.
Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1956. 214 p.
(MIRA 16:1)

(Botany--Dictionaries)

1. BANKHALOV, Sh. O.
2. USSR (600)
4. Caucasus - Lichens
7. Some lichens from Azerbaijan which are new to the Caucasus. Bot.mat.Otd.spor.rast. no. 8, 1952.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

BARKHALOV, Sh.O.

Lichens of Azerbaijan new to the Caucasus (Lichenes pro
Caucaso novi ex Azerbaidzhan). Bot.mat.Otd.spor.rast.
10:15-17 Ja '55. (MIRA 8:7)
(Azerbaijan--Lichens)

BARKHALOV, Sh.O.

Preliminary list of lichens of Talysh. Trudy Inst.bot,AN Azerb.SSR
20:33-63 '57. (MIRA 10:10)

(Talysh Mountains--Lichens)

BARKHALOV, SHABAN

Rare lichens of the Lesser Caucasus. Dokl.AN Azerb.SSR 15 no.3:
241-243 '59. (MIRA 12:5)

1. Institut botaniki AN AzerSSR. Predstavлено академиком AN
AzerSSR G.A.Aliyevym.
(Lachin District--Lichens)

BARKHALOV, Sh.O.

Orrurrence of lichens in Kusary District. Dokl.AN Azerb.SSR
16 no.3:285-288 '60. (MIRA 13:7)

1. Institut botaniki AN AzerSSR. Predstavлено akademilom AN
AzerSSR V.R. Volobuyevym.
(Kusary District--Lichens)

BARKHALOV, Sh.O.

Materials on the flora of lichens in the southern part of the
Lesser Caucasus (Lachin District) [in Azerbaijani with summary
in Russian]. Trudy Inst. bot. AN Azerb. SSR 23:65-86 '62.
(MIRA 16:2)
(Lachin District---Lichens)

BARKHALOV, Sh.C.

Lichens of the family Umbilicariaceae of Azerbaijan. Izv. AN Azerb.
SSR. Ser. biol. i med. nauk no.3:3-11 '63. (MIRA 16:6)
(Azerbaijan--Lichens)

BARKHALOV, Sh. Q.

Tapellaria Mull. Arg. a new genus for the U.S.S.R. from
the Talysh Mountains (Azerbaijan). Dokl. AN Azerb.
SSR 18 no. 9: 49-51 '62. (MIRA 17:1)

1. Institut botaniki All Azerb SSR. Predstavлено akademikom
AN AzerbSSR V.R. Volobuyevym.

BARKHALOV, Sh., red.

[Dictionary of botanical terms] Slovar' botanicheskikh terminov. Baku, Izd-vo AN Azerb.SSR, 1963. 220 p.
(MIRA 17:5)

BARKHALOV, Sh.O.

Lichens of the family Teloschistaceae of Azerbaijan. Bot. mat.
Otd. spor. rast. 16:5-18 '63. (MIRA 16:10)

BAKHAJLOV, Sh. O.

Lieutenant of the Faculty of International Relations of the Azerbaijan State University. (Azerb. SSR. Ser. Ser. 1980. No. 1. p. 100-101) (CIA-RDP86-00513R000203620015-2)

BARKHALOV, Sh.O.

Lichens of the tea plant. Izv.AN Azerb.SSR. Ser.biol.i med.nauk
no.4:3-7 '63.
(MIRA 17:4)

BARKHANSKIY

AUTHOR: Barkhanskiy, T. (Tashkent) 84-12-9/49
TITLE: Nine Years of Accident-free Operation (9 let bezavariynoy raboty)
PERIODICAL: Grazhdanskaya aviatsiya, 1957, Nr 12, p 9 (USSR)
ABSTRACT: The author reports on the methods used in an airline operational unit of the Tashkent airport, which has had no flight accidents during the past 9 years. Proper preparation for flight, perpetual re-examination of skills, strict compliance with flight regulations, intensive training of young graduates arriving from flying schools, and good working condition of the equipment are stressed as most important in this respect.
AVAILABLE: Library of Congress

Card 1/1

The effect of hydrogen peroxide on olefins. A. P. Baetke, J. Gen. Chem. (U. S. S. R.), 5, 254 (1935).
In 1 com. amyleno failed to react with H_2O_2 at ordinary temp., without the use of a catalyst. Amylene 6 with Na_2O_2 in the presence of the $FeSO_4$ catalyst gave some Me_2CO , CO_2 , HCO_2H and $AcOH$. No homologs of Me_2CO , aldehydes, $EtCO_2H$ and glycols were formed.
Chem. Abstr.

Chas. Blane

ASM-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203620015-2"

Oxidative breakdown of phosphogluconic acid. V. A. Engelhardt and A. P. Barkhash, *Biochimia* 3, 500-21 (1958).-The decompr. of phosphogluconic acid in yeast maceration juice is not fermentative but oxidative. Under anaerobic conditions, formation of CO_2 does not take place. The formation of CO_2 by the decompr. of phosphogluconic acid under aerobic conditions is due to decarboxylation of the C-6 chain. In the absence of O₂, oxidation of phosphogluconic acid may still occur when one of the following is added: methylene blue, dehydroascorbic acid, oxidized glutathione or Ach. Whether the hexose mol. is to undergo respiratory or oxidative decompr. depends on the fate of the hexosemonophosphate; if the monophosphate is oxidized to phosphogluconate, the mol. is subjected to respiratory metabolism; if a hexodiphosphate is formed from the mono-ester, then fermentation follows. H. Cohen.

H. Cohen

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203620015-2"

Anaerobic breakdown of phosphogluconic acid in the presence of acetaldehyde. A. P. Burkhardt. *J. f. rend. acad. sci. U. R. S. S.* 23, 167 n 1939 (in English). Acetaldehyde acts as H₂ acceptor in the anaerobic fermentation of phosphogluconic acid by yeast. Expt. show that 1 mol. aldehyde disappears and 1 mol. CO₂ and 2 mols. alc. are formed. That the quantity of alc. is nearly twice as much as would result from the reduction of aldehyde is explained by the fact that 1 mol. alc. is also obtained in aerobic fermentations of phosphogluconic acid when no aldehyde is present. — A. W. Dyer

ca

PACIFIC AND ATLANTIC AREA

Oxidation of phosphogluconic acid in animal tissue. A. P. Barkhash and N. S. Domanovskaya. *Comp. rend. Acad. sci. R.S.S.* **54**, 423-5 (1966). The course of aerobic oxidation of carbohydrates which consists of dehydrogenation of hexose monophosphate into phosphogluconic acid followed by oxidation and decarboxylation is well understood for the yeast cell. The purpose was to find out if the same aerobic breakdown of carbohydrates takes place in animal tissue. Metabolic studies employing tissue slices technique could not be used because phospho-esters of hexoses are unable to penetrate intact cells. It was necessary, therefore, to use pulped heart, brain, liver, and kidney tissue as well as hemolyzed pigeon corpus le. The pulps were dialyzed at 0° for 3 hrs against 0.1 M KCl to remove respiratory substrate material. This procedure was not entirely satisfactory as it tended to remove part of the enzyme system and co-dehydrogenase. It had to be added to all samples. By a previous method (*J. Biochemistry* (U.S.S.R.) **13**, 500 (1938)) hexose monophosphate and phosphogluconic acid were prep'd. Co-dehydrogenase was made from horse red blood corpuscles by Warburg's method. O₂ consumption was measured in Warburg's apparatus. In the main compartment of the exp't. flask was placed 1 ml. of dialyzed tissue pulp corresponding to about 0.5 g. of tissue and 0.1 mg. of co-dehydrogenase H₂. The side arm contained 0.1 ml. of a 0.1 M soln. of the substrate; the control was physiol. saline. Into the center well of the vessel 0.2 ml. of 10% KOH was introduced and the contents of each vessel were brought up to a vol. of 1.8 ml. The results of the exp'ts. showed that in all the tissues investigated, as well as in the red blood corpusles, phosphogluconic acid considerably increased O₂ consumption; this is interpreted as meaning that it can serve as a substrate for respiration. The effect of phosphogluconic acid was found to be of about the same order of magnitude as that produced by hexose monophosphate. The results should be regarded as qual. in nature. However, it is clear that phosphogluconic acid, which is an oxidation product of hexose monophosphate, can serve as a substrate for subsequent oxidative transformations. It appears that the process of carbohydrate oxidation which occurs in animal tissue is similar to that found in the yeast cell. M. E. Whalley

KOH was introduced and the contents of each vessel were brought up to a vol. of 1.8 ml. The results of the exp'ts. showed that in all the tissues investigated, as well as in the red blood corpusles, phosphogluconic acid considerably increased O₂ consumption; this is interpreted as meaning that it can serve as a substrate for respiration. The effect of phosphogluconic acid was found to be of about the same order of magnitude as that produced by hexose monophosphate. The results should be regarded as qual. in nature. However, it is clear that phosphogluconic acid, which is an oxidation product of hexose monophosphate, can serve as a substrate for subsequent oxidative transformations. It appears that the process of carbohydrate oxidation which occurs in animal tissue is similar to that found in the yeast cell. M. E. Whalley

ASR-SLA METALLURGICAL LITERATURE CLASSIFICATION

ABON. STV BRAVA

E27-122-122-2

11 F

GP

Carbohydrate-phosphorus compounds and enzymes of carbohydrate metabolism in tissues of lactating mammary glands. A. P. Barkhaah (Bakh Biokhim. Inst., Moscow). *Hokkimija* 17, 167-78(1932).—The lactating mammary gland of the guinea pig contains 0.1-1.0% lactose but no glucose or galactose. The enzymes hexokinase and phosphoglucomutase are present. Mammary-gland slices respire even more than liver slices. Mammary-gland homogenates have lost practically all respiratory action, and, unlike sliced tissue, are unable to synthesize lactose from glucose.
H. Priestley

BARKHASH, A.P.; TIMOFEEVA, M.Ya.

Oxidation decomposition of glucose-6-phosphate, 6-phosphogluconate,
and riboso-5-phosphate in animal and plant tissue. Biokhimiia, Moskva
17 no.5:611-625 Sept-Oct 1952. (CLML 25:1)

1. Institute of Biochemistry imeni A. N. Bakh of the Academy of Sciences
USSR, Moscow.

2/14/09

BARKHASH, A.P.

✓ The steps in the "direct" oxidation of glucose. The conversion of ribose-5-phosphate to heptulose phosphate and hexose monophosphate in animal and vegetable tissues. A. V. Barkhash and M. Ya. Timofeeva (A. N. Bakh Inst. Biofizika, Acad. Sci. U.S.S.R., Moscow). *Biokhimiya* 20, 623-35 (1955). -Results indicated that ribose-5-phosphate which resulted from the oxidative decomposition of 6-phosphogluconate in the tissues of plants and animals can undergo a series of successive changes. The first is the conversion of 2 mols. of pentose phosphate into phosphoketotetroses, sedoheptulosephosphate and phosphotriose. This reaction can be observed in purified enzyme preps. which are easily isolated from various animal and vegetable tissues. In the less purified enzyme preps. from liver, yeasts, and the like, the presence of sedoheptulose phosphate can be demonstrated only in the early stages of pentose phosphate decomposition. Upon more prolonged incubation sedoheptulose phosphate undergoes further changes leading to the formation of hexosemonophosphate (the substrate in which oxidative carbohydrate splitting originates) and apparently tetrosephosphate. The conversion of pentose phosphates into sedoheptulose phosphate and triosephosphate and the latter into hexosemonophosphate and possibly into tetrosephosphate should be regarded as intermolecular transfer type reactions; in the first step the transfer of a 2-carbon unit of glycolic aldehyde takes place, while in the second step the transfer is that of a 3-carbon unit of dihydroxyacetone. It is assumed that in consequence of these two reaction steps the formation of phosphotetrose from phosphopentose may take place. Viewing the steps of the hexose-pentose oxidative reaction and of the pentose-tetrose anaerobic reaction as a whole, a cyclic process is apparent. B. S. L. (1)

BAYEV, A.A. [translator]; BARYHASH, A.P. [translator]; BEKINA, R.M.
[translator]; VENKSTERN, T.V. [translator]; LISOVSKAYA, N.P.
[translator]; ODINTSOVA, M.S. [translator]; PINUS, Ye.A.,
[translator]; TATARSKAYA, R.I. [translator]; ENGEL'GARDT, V.A.,
akademik, red.; PARNE, Ya., red.; SOKOLOVA, T., tekhn.red.

[Present-day problems in biochemistry; a collection of articles.
Translations] Sovremennye problemy biokhimii; sbornik statei.
S predisl. V.A.Engel'gardta. Moskva, Izd-vo inostr. lit-ry, 1957.
480 p. (MIRA 11:5)

(BIOCHEMISTRY)

A. P. PARKHASHI

"On the method of the conversion of glucose"

The Chemistry and Metabolism of Carbohydrates in Animal and Plant Organisms
Conference in Moscow, January 28 to January 30 1954.

(VAM 8957 158 No 6)

KRYLENKO, Nikolay Vasil'yevich; BARKHASH, L.L., red.; KRYLENKO, Z.A.,
red.; MARKOV, K.K., red.; SHCHERBAKOV, D.I., akademik, red.;
GRISHINA, L.I., red.; MAL'KES, B.N., mladshiy red.; MAL'CHEVSKIY,
G.N., red.kart; VILENSKAYA, E.N., tekhn.red.

[In the unexplored Pamirs] Po neissledovannomu Pamiru. Moskva,
Gos.izd-vo geogr.lit-ry, 1960. 347 p.

(MIRA 13:7)

(Pamirs--Description and travel)

BARKHASH, S.A., starshiy nauchnyy sotrudnik

Partial open and subtotal transplantation of the cornea in children.
Vest.oft. no.3:16-24 My-Je '55. (MLRA 8:6)

1. Iz Ukrainskogo eksperimental'nogo instituta glaznykh bolezney
imeni V.P.Filatova (dir. -akad. V.P.Filatov)

(CORNEAL TRANSPLANTATION,
partial open & subtotal technics in child.)

PUCHKOVSKAYA, N.A., doktor meditsinskikh nauk, redaktor; DEYNEKA, I.Ya., professor, redaktor; BARG, TS. M., starshyy nauchnyy sotrudnik, redaktor; BARKHASH, S.A., starshyy nauchnyy sotrudnik, redaktor; BUSHMICH, D.G., starshyy nauchnyy sotrudnik, redaktor; VOYNO-YASENETKIY, V.V., kandidat meditsinskikh nauk, redaktor; DANCHEVA, L.D., kandidat meditsinskikh nauk, redaktor; DEYNEKA, I. Ya., professor, redaktor; KURYSHKIN, P.M., starshyy nauchnyy sotrudnik, redaktor; MUGHNIK, S.R., doktor meditsinskikh nauk, redaktor; PUCHKOVSKAYA, N.A., doktor meditsinskikh nauk, redaktor; RUKIN, V.A., starshyy nauchnyy sotrudnik, redaktor; SYSOYEV, A.F., starshyy nauchnyy sotrudnik, redaktor

[Proceedings of the jubilee conference of the Ukrainian Filatov Experimental Institute of Eye Diseases and the Odessa Pirogov Medical Institute, held on May 25-28, 1955, and dedicated to the 80th birthday of Professor Vladimir Petrovich Filatov, Hero of Socialist Labor, Stalin Prize winner, active member of the Academy of Sciences of the U.S.S.R. and the Academy of Medical Sciences of the U.S.S.R., and Honored Scientist] Trudy iubileinoi nauchnoi konferentsii Ukrainskogo eksperimental'nogo instituta glaznykh boleznei im. akad. V.P. Filatova i Odesskogo meditsinskogo instituta im. N.I. Pirogova, posviashchennoi 80-letiu so dnia rozhdeniya Heroia Sotsialisticheskogo Truda, laureata Stalinskoi premii, deistvitel'nogo chlena Akademii nauk USSR i Akademii meditsinskikh nauk SSSR, zasluzhennogo deiatelia nauki, professora Vladimira Petrovicha Filatova, 25-28 maia 1955 g. Kiev, Gos. med. izd-vo USSR, 1956. 302 p.
(MLRA 10:4)

1. Ukraine. Ministerstvo zdravookhraneniya. (EYE--DISEASES)

BARKHASH, S.A., starshiy nauchnyy sotrudnik

Seventh conference for reports on the problem of "Tissue therapy."
Of.t.zhur. 12 no.3:186-187 '57. (MIRA 10:11)
(TISSUE EXTRACTS) (EYE--DISEASES AND DEFECTS)

BARKHASH, S. A.: Doc Med Sci (diss) -- "Transplantation of the cornea of children". Kiev, 1958. 22 pp (Kiev Order of Labor Red Banner Med Inst im A. A. Bogomolets), 350 copies (KL, No 6, 1959, 141)

BARKHASH, S.A., starshiy nauchnyy sotrudnik

Eight conference on the problem of "Tissue therapy". Oft.zhur.
13 no.8:493-496 '58. (MIRA 12:2)
(UKRAINE--TISSUE EXTRACTS--CONGRESSES)

BARKHASH, S.A., starshiy nauchnyy sotrudnik

Scientific session of the V.P. Filatov Ukrainian Experimental
Research Institute for Eye Diseases and Tissue Therapy, June
24-27, 1959. Oft.zhur. 14 no.7:437-444 '59. (MIRA 13:4)
(EYE--DISEASES AND DEFECTS--CONGRESSES)

BARKHASH, S.A., doktor meditsinskikh nauk; BEZPAL'KO, L.A., nauchnyy sotrudnik.

"Organization of the work of the nurse in the eye department" by N.G.Gcl'dfel'd. Reviewed by S.A. Barkhash, L.A. Bezpal'ko. Oft. zhur. 15 no.5:315-317 '60. (MIRA 13:9)
(EYE—DISEASES AND DEFECTS)
(NURSES AND NURSING)
(GOL'DFEL'D, N.G.)

BARKHASH, S.A., doktor med.nauk

Work of the ophthalmological societies in the Ukraine in 1959.
Oft. zhur. 15 no.8:500-503 '60. (MIRA 14:1)

1. Sekretar' pravleniya Respublikanskogo nauchnogo obshchestva
glaznykh vrachey.
(UKRAINE—OPHTHALMOLOGICAL SOCIETIES)

BARKHASH, S.A., doktor med.nauk

Causes of blindness and deterioration in vision in childhood and
basic problems in preserving children's vision. Oft. zhur. 16
no.2:92-96 '61. (MIRA 14:3)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P.Filatova (direktor - prof. N.A.Puchkovskaya).
(CHILDREN, BLIND)

PUCHKOVSKAYA, N.A., prof.; YEROSHEVSKIY, T.I., prof.; BARKHASH, S.A.,
starshiy nauchnyy sotrudnik; VOYNOV-YASENITSKIY, V.V., starshiy
nauchnyy sotrudnik

International European Symposium on Corneal Transplantation.
Oft. zhur. 16 no.2:109-119 '61. (MIRA 14:3)
(CORNEA--TRANSPLANTATION--CONGRESSES)

BARKHASH, S.A., doktor med.nauk

Surgery for congenital cataracts. Oft. zhur. 16 no.3:157-166 '61.
(MIRA 14:5)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P.Filatova (direktor - prof. N.A.Puchkovskaya).
(CATARACT)

BARKHASH, S.A., prof.

Treatment of dacryocytitis of congenital origin by means of open
probing. Oft.zhur. 16 no.6:371-372 '61. (MIRA 14:10)

1. Iz Ukrainskogo nauchno-issledovatel'skogo eksperimental'nogo
instituta glaznykh bolezney i tkanevoy terapii imeni akademika
V.P. Filatova (direktor - prof. N.A. Puchkovskaya).
(DACYROCYSTITIS)

BARKHASH, S.A., prof.

Work of the ophthalmological societies in the Ukraine during 1966.
Oft.zhur. 16 no.6:381-384 '61. (MIRA 14:10)

1. Sekretar' pravleniya Respublikanskogo nauchnogo obshchestva
glaznykh vrachey USSR.
(UKRAINE - OPHTHALMOLOGICAL SOCIETIES)

BARKHASH, S.A.; RODIN, V.A.; PROSKURYAKOVA, Ye.I.; SMIRNOVA, V.I.

Causes of blindness; from data of the Ukrainian Scientific Research Institute for Eye Diseases and Tissue Therapy for the period. 1946-1955. Uch. zap. UEIGB 5:21-25 '62.
(MIRA 16:11)

*

"APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203620015-2

APPROVED FOR RELEASE: 06/08/2000

CIA-RDP86-00513R000203620015-2"

MACHINSKAYA, I.V.; BARKHASH, V.A., MOLCHANOV, V.I.

Reactions of aldehydes and ketones with acetic anhydride. Part 3. Re-
action of cyclopentanone, acetone, and methylpropylketone with acetic
aldehyde. Zhur.ob.khim. 23 no.5:756-759 My '53. (MLRA 6:5)
(Ketones) (Acetic anhydride)

MACHINSKAYA, I.V.; BARKHASH, V.A.

Certain properties of enolacetates. Part 1. Interaction of cyclohexanone enolacetate with γ -bromosuccinimide. Zhur. ob. khim. 26 no.3:848-851 Mr '56. (MLRA 9:8)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni D.I. Mendeleyeva. (Succinimide) (Acetates)

BARKHASY, V. A.

Distr: AEL/1/4E2a(1)/4B 3 d

~~Some properties of substituted... II. Preparation of 2-methyl-3-carboxy-5,5-dimethylcyclohexanone by reaction of 2-nitro-3-methyl-5-cyclohexene with sodium acetate in acetic acid. I. V. Moshnikova and V. A. Barkhas (D. I. Mendeleev Chem. Technol. Inst., Moscow), Zavod. Obshch. Khim. Pr. 1978, 30 (1977) - C.A. 80, 14688. To 6.0 g Na in 100 ml EtOH was added 76 g AcCH₂CO₂NH₄. Followed over 1 hr. by 60% 2-nitro-3-cyclohexenyl acetate and after 1 hr. at 60° the mixture treated after the usual treatment 74% 2-methyl-3-cyclohexenyl 5,5-dimethylcyclohexanone, m. 112-15°, n_D²⁰ 1.4870, d₄²⁰ 1.1042. This refluxed 8 hr. in 10% ab. KOH and treated with CO₂ gave after eq. treatment 38% 2-methyl-3,5,5-trimethylcyclohexanone-3-carboxylic acid, m. 161°. The latter with 2,4-dinitrophenylhydrazine in 80% H₂SO₄ with brief refluxing gave deep red bis(dinitrophenylhydrazone), i.e. α-acetyl-cyclohexanone, m. 211°, which also formed from the free carboxylic acid.~~

G. D. Kondapalli

Barkhash, V. A.

Distr: 4E4/4E3d/4E2c(j)

✓ New synthesis of furan derivatives. I. V. Mekhinskaya
and V. A. Barkash (D. I. Mendeleev Chem. Technol.
Inst., Moscow). Russ. Noble Prod., 1, 120-0 (1957).

Bisacetate of cyclohexanone (I) was brominated to the
2-Br deriv. (II). II with sodioacetoacetic ester in abs.
EtOH gave 74% 2-methyl-3-carbethoxy-4,5,6,7-tetrahydro-
furanone (III), hydrolyzed in alkali to 2-methyl-4,5,6,7-
tetrahydrofuranone-3-carboxylic acid. III gave bis(2,4-
dinitrophenylhydrazone) of α -acetylcylohexanone in
conc. H₂SO₄. V. S. Mihalkov //

4
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3

111

NAME(S): Marchinkina, I. V., Barkhash, V. A. ... S.V.70-26-10-1/1

TITLE: On Some Properties of the Enolacetates (O nekotorykh svoystvakh enolatsetatov) III. Synthesis of the Furan- and Pyran Derivatives From Bromine-Substituted Enolacetates (III. Poluchenije proizvodnykh furana i pyrana iz bromzameshchenykh enolatsetatov)

PERIODICAL: Zhurnal obshchey khimii, 1958, Vol 28, Nr 10,
pp 2675 - 2677 (USER)

ABSTRACT: Further to their previous study (Ref 1), the authors, in the paper under discussion, condensed the bromine-substituted enolacetates of cyclohexanone with sodium-malonic ester (replacing the sodio-acetoacetic ester used in the previous study), and obtained 2-ethoxy- β -carbethoxy-4,5,6,7-tetrahydro coumarone (65% yield). They furthermore condensed the brominated enolacetates (I), (II), and (III) of the general formula R-CHBr-CH = C(OCOCH₃)-R' with sodio-acetoacetic ester to form 2-methyl-1-4-butyl- β -carbethoxy-pyrano-, 2,4,6-trimethyl- β -carbethoxy-pyran and 2,6-dimethyl-4-phenyl- β -carbethoxy-pyran (IV), (V), and (VI), according to

Card 1/2

On Some Properties of the Enolacetates. III. Synthesis [See 79-10-3, 1] of the Furan- and Pyran Derivatives From Branine-Substituted Enolacetates

the general pattern specified. Compounds (I), (IV), and (III) were readily obtained on the reactions of N-bromo succinimide with the enolacetates of branine, methyl-propyl ketone and 2-methyl acetone ("-57% yield"). The heating of 2-methyl-2-(2-butyl-3-oxo-ethoxy)-ethanol with 1 equivalents of LiAlD₄ furnished 2-(2,4-dimethyl-1-pyrano-carboxylic acid). Under identical reaction conditions, the other two pyran (V) and (VI) were hydrogenated and decarboxylated to form 2,4,6-trimethyl-pyran and 2,6-dimethyl-4-phenyl-pyran. So far, most of the synthesized pyrans have been described in the publications. There are 6 references, 4 of which are Soviet.

ASSOCIATION: Moscowvskiy khimiko-tehnologicheskiy institut imeni D.I.Mendeleyeva (Moscow Chemotechnological Institute imeni D.I.Mendeleyev)

SUBMITTED: August 26, 1957
Card 2 2

GARRETTA V. N.

PHASE I BOOK EXPLOITATION

SOV/3950

Reaktsii i metody issledovaniya organicheskikh soyedineniy, kn. 9 (Reactions and Investigation Methods of Organic Compounds, Bk. 9) Moscow, Goskhimizdat, 1959. 381 p. Errata slip inserted. 4,000 copies printed.

Eds. (Title page): V.M. Rodionov, Academician (Deceased), B.A. Kazanskiy, Academician, I.L. Knunyants, Academician, M.M. Shemyakin, N.N. Mel'nikov, Professor; Eds. (Inside book): V.P. Yevdakov and V.P. Parini; Tech. Ed.: V.F. Zazul'skaya.

PURPOSE: This book is intended for industrial chemists, aspirants, teachers, and students of higher educational institutions interested in methods of synthesizing organic compounds.

COVERAGE: The collection contains 3 monographic survey articles which review some of the more interesting and important problems in the synthesis of indole derivatives and oxazolones (azlactones) and the bromination of organic compounds with N-bromosuccinimide. Figures, tables, and references accompany each article. No personalities are mentioned.

Card 1/6

Reactions and Investigations (Cont.)

SOV/3950

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Reactions and Investigations (Cont.)

SOV/3950

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AVAILABLE: Library of Congress

Card 6/6

JA/rn/lrb
8-4-60

5(3)

SOV/79-29-8-76/81

AUTHORS: Machinskaya, I. V., Barkhash, V. A.

TITLE: On Some Properties of the Enolacetates. IV. A New Alkylation Method of Carbonyl Compounds

PERIODICAL: Zhurnal obshchey khimii, 1959, Vol 29, Nr 8,
pp 2786 - 2792 (USSR)

ABSTRACT: In continuation of their previous work (Refs 1-3) the authors developed a method for the monoalkylation of carbonyl compounds by reaction of the bromine-substituted enolacetates easily obtained from them with organomagnesium compounds on the development of which they report in the present paper. It was shown that at the reaction of the bromine enolacetates with organomagnesium compounds with a molar ratio 1:2 apart from the substitution of alkyl for the halogen atom there is also a decomposition of the enolacetate grouping while a carbonyl group form. At a molar ratio of 1:3 the main products forming are the corresponding tertiary alkalcids. By the reaction of the bromine enolacetate of cyclohexanone (bromine in the α -position to the initial carbonyl group) with magnesium bromoethyl, α -ethylcyclohexanone (at a molar ratio of 1:2) and

Card 1/3

On Some Properties of the Enolacetates. IV. A New
Alkylation Method of Carbonyl Compounds

SOV/79-29-8-76/81

1,2-diethylcyclohexanol-1 (at a molar ratio of 1:3) were formed (Scheme 1). When the bromine-substituted enolacetates of methyl propylketone, benzylacetone, and butyric acid aldehyde (bromine in the β -position to the initial carbonyl group) were caused to react with magnesium bromoethyl, at a molar ratio of 1:2, the following β -ethylation products of the initial carbonyl compounds resulted: 3-methylhexanone-5, 3-phenylhexanone-5, and 3-methylheptanal-1. At a ratio of the brominated enolacetates of methylpropylketone and butyric acid aldehyde on the one hand, and Grignard's reagent on the other of 1:3, 3,5-dimethylheptanol-3 and 3-methylheptanol-5 were obtained. The formation of an alkylated carbonyl compound from bromine enolacetate at the reaction with an organomagnesium compound (3-bromocyclohexenylacetate) may be illustrated by scheme 2. In contrast with vinyl acetate and isopropenyl acetate, which, according to Zwahlen (Ref 4) and co-workers, undergo a regrouping during Grignard's reaction, the enolacetate of cyclohexanone react with magnesium bromoethyl like ordinary esters. The advantage of the above method is the formation of the monoalkylation products of the

Card 2/3

On Some Properties of the Enolacetates. IV. A New
Alkylation Method of Carbonyl Compounds

SOV/79-29-8-76/81

initial carbonyl compounds with a definite position of the alkyl group without any admixture of polyalkyl-substituted compounds; moreover, it can be used in fine organic synthesis. There are 23 references, 4 of which are Soviet.

ASSOCIATION: Moskovskiy khimiko-tehnologicheskiy institut imeni D. I. Men-deleyeva (Moscow Chemical Technological Institute imeni D. I. Men-deleyev)

SUBMITTED: July 10, 1958

Card 3/3

BARKHASH, V. A., Cand Chem Sci -- (diss) "Synthesis on the basis of enolacetates." Moscow, 1960. 12 pp; (Ministry of Higher and Secondary Specialist Education RSFSR, Moscow Order of Lenin Chemical Industry Inst im D. I. Mendeleev); 200 copies; price not given; (KL, Z.-86, 151)

MACHINSKAYA, I.V.; BARKHASH, V.A.; PRUDCHENKO, A.T.

Some properties of enol acetates. Part 5: Vinylation of
carbonyl compounds. Zhur.ob.khim. 30 no.7:2357-2362
J1 '60. (MIRA 13:7)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
D.I. Mendeleyeva.
(Vinylation) (Enols)

MACHINSKAYA, I.V.; BARKHASH, V.A.; PRUDCHENKO, A.T.

Some properties of enol acetates. Part 6: Bromo-substituted
enol acetates in the Wurtz-Grignard reaction. Zhur.ob.khim.
30 no.7:2363-2366 J1 '60. (MIRA 13:7)

1. Moskovskiy khimiko-tehnologicheskiy institut imeni
D.I.Mendeleyeva.
(Enols)

HACHIMAYA, I.V.; SMIRNOVA, G.P.; BARKHASH, V.A.

Certain properties of enol acetates. Part 7: Enol acetate
of cyclobutanone and its conversion to α -alkylcyclobutanone.
Zhur. ob. khim. 31 no.8:2563-2566 Ag '61. (MIRA 14:8)
(Cyclobutanone) (Enols)

MACHINSKAYA, I.V.; SMIRNOVA, G.P.; BARKHASH, V.A.

Synthesis of certain condensed systems containing a furan ring.
Zhur. ob. khim. 32 no.4:1248-1252 Ap '62. (MIRA 15:4)
(Furan)

L 18223-65 EWF(m)/EPP(c)/EPR/EWP(j) Pe-4/Pr-4/Ps-4/Pa-4 RPL WW/RM

S/0020/64/159/001/0125/0128

ACCESSION #: AP4049138

AUTHORS: Vorozhtsov-ml., N. N. (Corresponding member AN SSSR); Barkhash, V. A.;
Ivanova, N. G.; Anichkina, S. A.; Andreyevskaya, O. I.

TITLE: Production and reactions of pentafluorophenyl and heptafluoronaphthyl
magnesium-chlorides

SOURCE: AN SSSR. Doklady*, v. 159, no. 1, 1964, 125-128

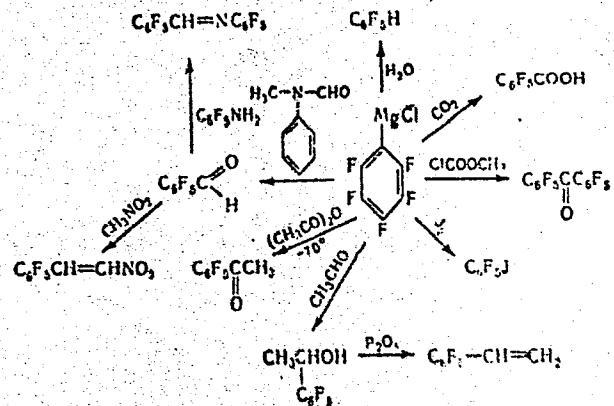
TOPIC TAGS: organic synthesis, Grignard reaction, pentafluorophenyl magnesium
chloride, heptafluoronaphthyl, magnesium chloride, Grignard reagent

ABSTRACT: By using the Grignard reaction, it was possible to synthesize various
chemical combinations containing pentafluorophenyl. With the help of an accom-
panying reaction of brominated ethylene in ether, pentafluorophenyl magnesium-
chloride was obtained. The following syntheses were accomplished on the basis of
pentafluorophenyl magnesium-chloride:

Card 1/3

L 18223-65

ACCESSION NR: AP4049138



C_6F_5MgCl had some peculiar chemical behavior characteristics. It would not yield C_6F_5COOH upon carbonation with dry ice or after passing of CO_2 through its ether solution. The acid was obtained upon passing of CO_2 through a solution of

Card 2/3

ACCESSION NR: AP4049138

C_6F_5MgCl in tetrahydrofuran. C_6F_5MgCl gave no reaction with monochloroacetic acid and benzoethyl ether, even upon heating to 100°C. With $(CH_3CO)_2O$ at 70°C, C_6F_5MgCl gave the best yield of pentafluorophenyl methylketone (reactions with $(CH_3CO)_2O$, CH_3CN , and CH_3COCl were studied). An isomeric mixture of chlorohepta-fluoronaphthalene gave a Grignard reaction, which yielded (upon hydrolysis) a mixture of 21.3% α -H and 73% β -H heptafluoronaphthalenes. Orig. art. has: 1 formula.

ASSOCIATION: Institut organicheskoy khimii Sibirskskogo otdeleniya Akademii nauk SSSR, Novosibirsk (Institute of Organic Chemistry, Siberian branch, Academy of Sciences, SSSR)

SUBMITTED: 18 May 64

ENCL: 00

SUB CODE: 00

NO REF Sov: 002

OTHER: 006

Card 3/3

VOBOLHISOV, N.N., mladshiy; BARKHASH, V.A.; IRUPCHENKO, A.P., SHCHEGOLEVA,
G.S.

Pentafluorobenzoylacetic ester. Zhur. ob. khim. 35 no.8
1501 Ag '65. (MIRA 18:8)

I. Novosibirskiy institut organicheskoy khimii Sibirskego
otdeleniya AN SSSR.

VOROZHTSOV, N.N., mladshiy; BARKHASH, V.A.; PRUDCHENKO, A.T.; KHOMENKO, T.I.

Synthesis of polyfluoro derivatives of γ -benzopyrone. Zhur.
ob. khim. 35 no.8:1501-1502 Ag '65.
(MIRA 18:8)

1. Novosibirskiy institut organicheskoy khimii Sibirskego
otdeleniya AN SSSR.

MACHINSKAYA, I.V.; BAKHASH, V.A.

Reactions of enol acetates. Reakts. i metod. fizik. org. soed.
14:299-449 '64. (MIRA 18;3)

BUCKHORN, A. J.; KARSHAK, V. A.; KELLY, J. N., JR.; and others

Report of the Committee on Intelligence, House of Representatives
1970-1985. (SRA 12:10)

The Committee on Intelligence, House of Representatives,
1970-1985.

VOROCHTSEV, N.N., minashiy; BAKSHI, I.I., "N. N.", . . .

Dokument obnaruzhennyi v otdelenii po voprosam gosudarstvennoy bezopasnosti
MVD no. 3:598-400 - 30.06.

I. Novosibirskiy instytut gornotekhnicheskikh i zemlyevideniyskikh
odeleleniya AN SSSR. R. Chisl. laboratoriya 10.1.1 (zemlyevideniye).
Vsevolodovskiy raionnyy soviet. Nalichie.

BARKHASH, V. I.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Organic Chemistry

Official

Reaction of aldehydes and ketones with acetic anhydride.
III. Reaction with acetic anhydride of cyclopentanone,
acetone and methyl propyl ketone. V. I. V. Machinskaya,
V. A. Barkhash, and V. I. Molchanov. N. I. Mendeleev
Chem. Technol. Inst., Moscow; Zhur. Tekhnich. Khim.
23, 750-9 (1953); cf. ibid. 600; C.A. 48, 2010c. Cyclo-
pentanone (28 g.) and 102 g. Ac₂O treated with 0.26 ml.
conc. H₂SO₄ and, after 5 days at room temp., with ice;
extd. with Et₂O, and distn. of the ext. failed to yield a
well-defined fraction, but gave material b₄ 72-4°, which
crystd. m. 37-9° (from dil. EtOH) [putative CH₂(CH₃)C-

(OAc)₂]. Lower fractions decolorized Br water and were
acidic; apparently the expected end acetate is rather un-
stable. Similarly 23 g. Me₂CO with 123 g. Ac₂O and 0.42
ml. H₂SO₄, after 13 days at room temp. gave a little C₄H₈O₄,
b₄ 49.5-50°, apparently Me₂C(OAc)₂. MePrCO gave a
very low yield of C₄H₈O₄, b₄ 24-8°, b₄ 22.5-3.5°, n_D²⁰ 1.4178,
d₄ 0.9048, identified as MeC(OAc)₂ClEt, or possibly
CH₃C(OAc)Pr. The product gives a neutral reaction.
AcPh and PhBz failed to react under the above conditions.
G. M. Kuslapoff

BARKHATINOVA, T.G.

Techological characteristics of impoverished coals.
✓ D. Freiberg, Z. F. Balabanova, M. R. Popova, and
T. G. Barkhatinova. Sib' 1924, No. 2, 116-19. Refer.
Zhur. Xem., 1936, Abstr. No. 13905. --The existing
methods of detm. of properties of impoverished coals are
inadequate. Only Donets coals can be evaluated by their
index of clinkering. Pechorsk and Kurnets coals have a
heterogenic petrographic compn., and contain 45-65% vit-
rain matter; hence, they cannot be evaluated by the index
of clinkering. Evaluation of properties of impoverished
coals should be based on their petrographic compn., on the
character of trace components, and, 1st of all, on the amt. of
the fraction rich in a homogenous vitrain matter on which
depend their clinkering properties. Lustrous Donets coals
are the best impoverishing addns. contg. a large amt. of
homogenous vitrain with a max. clinkering capacity. Only
those impoverished coals that contain a vitrain material
that does not appear to clinker should be referred to as non-
caking coals. The properties of impoverished coals and
the tendency to clinker are best characterized by the degree
of swelling. The method of calcn. of charges of impover-
ished coals should be based on the detm. of swelling and on
the investigation of trace components. J. Mikarska.

BARKHATINOVA, T.G.

✓ 2959. MODIFIED METHOD FOR DETERMINING SWELLING OF COALS. Frishberg, V.D., Barkhatinova, T.G., and Biletsanov, Z.P. (Zavod. Lab. (Fact. Lab., Moscow), 1954, vol. 20, (3), 324-326; abstr. in Ref. Zh. Khim. (Ref. J. Chem., Moscow), 1956, (13), 49619). A modification is described for the dilatometer of Tulis, E.M., and others (Zavod. Lab. (Fact. Lab., Moscow) 1948, vol. 14, 10). The wall thickness of the steel housing of the furnace is reduced from 35 to 9 mm so as to decrease the rate of heating of the coal briquette. The sample used is 2 g, which may include an admixture of coke if the coal has a high swelling index. Data are given on the properties of prepared coals, their microscopic types and degree of oxidation, and their swelling as determined with the modified apparatus. 3

BARKHATINOVA, T.G.; POPOV, N.A.; FATEYEV, A.A.; FRISHBERG, V.D.

Distinction between low caking and noncaking coals in the Kuznetsk
Basin. Koks i khim. no.8:3-4 '61. (MIRA 15:1)

1. Vostochnyy uglekhimicheskiy institut.
(Kuznetsk Basin--Coal)

LEVINA, L.M.; BARKHATNAYA, I.N.

Characteristics of Jurassic and Lower Cretaceous sediments in the
Tashauz 1(5) and Sernyy Zavod 4 wells. Trudy VNIGNI no.35:210-214
'61. (MIRA 16¹⁷)

(Turkmenistan--Geology, Stratigraphic)

BARKHATNAYA, I.N.

Spore-pollen characteristics of Cretaceous sediments in the
central Kara Kum. Trudy VNIGNI no.37:110-115 '63.
(MIRA lo:8)

AKHIEV, T.P.; BAKHATNAYA, L.N.; BAGIN, V.D.; MIRZOVYU, G.G.;
"KVN-1976", 1976; POKMA, N.I.

Bivalve between the Neocomian and Aptian in the western foothills
of the Central Sayan. (Russian) Serbov, S.R. Geological survey report
No. 14-26-1973.

DIKANSHTEYN, G.Kh.; SIBUYEVA, I.N.; BAIKHATHAYA, I.I.

Large break on the boundary of the Jurassic and Cretaceous periods
in the Central KaraKum Desert. Geol. nefti i gaza 8 no.5:30-34 May
'64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy geologorazvedochnyy neft-
yanoy institut.

BARKHATNYY, G., inzh.; YURKO, Yu., inzh.

Precast mesh-reinforced folded shells. Na stroi.Rcs. 4
no.6:14 Je '63. (MIRA 16:6)
(Roofs, Shell)

BARKHATNYI, Viktor Dmitriyevich

KAMENEV, Nikolay Nikolayevich; BARKHATNYI, Viktor Dmitriyevich; TIBASHEV,
A.I., inzhener, redaktor; BOBROVA, Ye.N., tekhnicheskiy redaktor.

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